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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/666,744
	Filing Date	September 15, 2003
	First Named Inventor	John J. QUINN
	Art Unit	1645
	Examiner Name	Unassigned
Mail Stop	Attorney Docket Number	1300-0008

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> No fee due <input type="checkbox"/> Fee Transmittal <input type="checkbox"/> Fee(s) due <input type="checkbox"/> Fee Transmittal <input type="checkbox"/> Check for \$* <input checked="" type="checkbox"/> Charge any underpayment or credit any overpayment to Deposit Account No. 18-0580 <input checked="" type="checkbox"/> Return postcard <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement & Form(s) PTO-1449 <input checked="" type="checkbox"/> Copy(ies) of cited reference(s) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts / Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s):	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks: <b>The Commissioner is hereby authorized to charge any additional or underpayment of fee(s) to Deposit Account No. 18-0580.</b>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual Name (print/type)	Karen Canaan, Reg. No. 42,382 Reed & Eberle LLP	Telephone	(650) 330-0900
Signature		Date	March 16, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Name (print/type)	Mary O'Malley	Date	March 16, 2004
Signature		Date	March 16, 2004



Atty Dkt No. 1300-0008  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

John J. QUINN et al.

Confirmation No.: 6795

Serial No.: 10/666,744

Group Art Unit: 1645

Filing Date: September 15, 2003

Examiner: Unassigned

Title: METHOD FOR DETECTION OF MULTIPLE NUCLEIC ACID SEQUENCE VARIATIONS

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT AND**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a Supplemental Information Disclosure Statement submitted for the Examiner's consideration. Applicants respectfully request that the Examiner review and make of record the references identified below.

The references listed below are being submitted to the Office promptly after they have become known to applicants and are being submitted prior to the final determination on patentability by the Office.

The references listed below were cited in a European Search Report dated November 28, 2003, for the European application corresponding to the above-identified U.S. patent application. A copy of the Search Report, including an indication of the purported relevance of the cited references, is enclosed. Copies of the references are also submitted herewith, excluding U.S. patents and/or publications as the subject application was filed after June 30, 2003.

A PTO-1449 form listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record. The references are as follows:

U.S. PATENT DOCUMENT		
Document No.	Issue Date or Publication Date	Name of Patentee or Applicant
6,235,465	5/22/01	Kolberg et al.

FOREIGN PATENT DOCUMENTS		
Document No.	Publication Date	Country
WO 99/19515	4/22/99	PCT
WO 01/48244 A2	7/5/01	PCT
WO 02/061121 A2	8/8/02	PCT

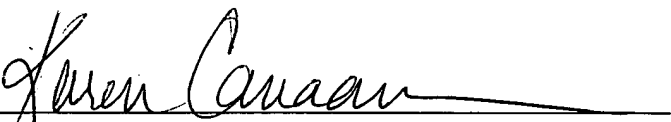
NONPATENT DOCUMENTS	
ARMSTRONG et al. (2000), "Suspension Arrays for High Throughput, Multiplexed Single Nucleotide Polymorphism Genotyping," <i>Cytometry</i> 40:102-108.	
CHEN et al. (2000), "A Microsphere-Based Assay for Multiplexed Single Nucleotide Polymorphism Analysis Using Single Base Chain Extension," <i>Genome Research</i> 10(4):549-557.	
WEDEMEYER et al. (2001), "Flow Cytometry: An 'Old' Tool for Novel Applications in Medical Genetics," <i>Clinical Genetics</i> 60:1-8.	
YE et al. (2001), "Fluorescent Microsphere-Based Readout Technology for Multiplexed Human Single Nucleotide Polymorphism Analysis and Bacterial Identification," <i>Human Mutation</i> 17:305-316.	

This Supplemental Information Disclosure Statement is not intended as a representation that additional information material to the examination of this application does not exist or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

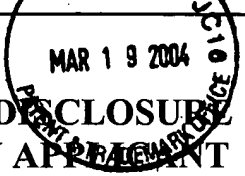
As this Supplemental Information Disclosure Statement is being filed prior to receipt of a first Action on the merits, no fee is required at this time. If, for any reason, a fee is found to be necessary, our Deposit Account No. 18-0580 may be charged therefor.

Respectfully submitted,

By:

  
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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number		10/666,744	
		Filing Date		September 15, 2003	
		First Named Inventor		John J. QUINN	
		Art Unit		1645	
		Examiner Name		Unassigned	
Sheet	1	of	1	Attorney Docket Number 1300-0008	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Document No.	Issue Date or Publication Date	Name of Patentee or Applicant of Cited Document	Class	Filing Date if Appropriate
	AS	6,235,465	5/22/01	Kolberg et al.		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document No.	Publication Date	Country	Class	Subclass	T
	AT	WO 99/19515	4/22/99	PCT			
	AU	WO 01/48244 A2 ✓	7/5/01	PCT			
	AV	WO 02/061121 A2 ✓	8/8/02	PCT			

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	AW	ARMSTRONG et al. (2000), "Suspension Arrays for High Throughput, Multiplexed Single Nucleotide Polymorphism Genotyping," <i>Cytometry</i> 40:102-108.	
	AX	CHEN et al. (2000), "A Microsphere-Based Assay for Multiplexed Single Nucleotide Polymorphism Analysis Using Single Base Chain Extension," <i>Genome Research</i> 10(4):549-557.	
	AY	WEDEMEYER et al. (2001), "Flow Cytometry: An 'Old' Tool for Novel Applications in Medical Genetics," <i>Clinical Genetics</i> 60:1-8.	
	AZ	YE et al. (2001), "Fluorescent Microsphere-Based Readout Technology for Multiplexed Human Single Nucleotide Polymorphism Analysis and Bacterial Identification," <i>Human Mutation</i> 17:305-316.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.